

somewhat more pubescent on both surfaces. The species is very near the ordinary Post Oak, and perhaps should be considered only a sand hill form of that species.

46. *Quercus lyrata* Walt. Overcup Oak.

An uncommon tree of the low grounds with the acorn almost or entirely covered by the cup; leaves smooth and green or whitish-tomentose on the under side, usually long and narrow with distant, deep, pointed lobes. The Overcup Oak is confined to river bottoms and rich low grounds in the coastal plain and eastern Piedmont, but is absent over large areas. It extends westward to Anson, Chatham, Orange, and Nash Counties, and is plentiful at Chapel Hill. Examples: trees at edge of swamp of Bowlin's Creek, near Hancock's bridge.

47. *Quercus Michauxii* Nutt. Swamp Chestnut Oak.

A fine large tree of the low grounds of the coastal plain and extending westward through the middle Piedmont. Leaves downy beneath and with many shallow, rounded lobes; acorns large, in a cup with separate scales. Examples: trees at edge of swamp of Bowlin's Creek near Hancock's bridge, also in swamp of New Hope Creek, near Chapel Hill-Durham road bridge where they reach 15 feet in circumference 5 feet from the ground. The wood is valuable for many purposes.